

IN THE CLAIMS:

C1 1. (Twice Amended) [An] A tailless aircraft, including:

a wing having a trailing edge and independently deflectable flight control surfaces located along the trailing edge, the wing being capable during flight of generating a normal lifting force having a spanwise force distribution across the wing; and

a control surface reconfiguration system wherein, for each of a plurality of different flight conditions, the flight control surfaces are selectively reconfigurable to respective predetermined positions, which in combination, [a plurality of predetermined positions as required to] optimize the spanwise force distribution across the wing for each of [a] the plurality of different flight conditions.

C2 11. (Twice Amended) An aircraft, including:

a wing having a trailing edge and independently deflectable control surfaces located along the trailing edge, the wing being capable during flight of generating a normal lifting force having a spanwise force distribution across the wing; and

reconfiguration means for selectively reconfiguring the control surfaces to [a plurality of] respective predetermined positions, which in combination, are effective [are required] to optimize the spanwise force distribution across the wing for each of a plurality of different flight conditions.

C3 19. (Twice Amended) A method for controlling flight of a

[blended-wing] blended wing-body, tailless aircraft which includes a wing having a trailing edge and independently deflectable flight

control surfaces located along the trailing edge which are deflectable in upward and downward directions, the wing being capable during flight of generating a normal lifting force having a